

Alberto Mengoni

List of Publications by Year in descending order

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papers

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246
all docs

246
docs citations

246
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	Coulomb Dissociation of ^{19}C and its Halo Structure. Physical Review Letters, 1999, 83, 1112-1115.	7.8	253
2	Coulomb and nuclear breakup of a halo nucleus ^{11}Be . Physical Review C, 2004, 70, .	2.9	211
3	Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1.	2.5	205
4	Halo Structure of the Island of Inversion Nucleus ^{31}Ne . Physical Review Letters, 2009, 103, 262501.	7.8	182
5	Low-lying intruder $1\hat{1}^-$ state in ^{12}Be and the melting of the $N=8$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 8-14.	4.1	161
6	Fermi-Gas Model Parametrization of Nuclear Level Density. Journal of Nuclear Science and Technology, 1994, 31, 151-162.	1.3	109
7	New experimental validation of the pulse height weighting technique for capture cross-section measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 521, 454-467.	1.6	101
8	^{7}Be neutron capture cross section. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 692-702.	7.8	94
9	The data acquisition system of the neutron time-of-flight facility n_TOF at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 692-702.	1.6	84
10	The new vertical neutron beam line at the CERN n_TOF facility design and outlook on the performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 90-98.	1.6	82
11	The n_TOF Total Absorption Calorimeter for neutron capture measurements at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 424-433.	1.6	80
12	Direct radiative capture of p-wave neutrons. Physical Review C, 1995, 52, R2334-R2338.	2.9	77
13	Neutron capture cross section of ^{14}C of astrophysical interest studied by Coulomb breakup of ^{15}C . Physical Review C, 2009, 79, 044607.	2.9	72
14	Neutron-induced fission cross section of ^{234}U and ^{237}Np . Physical Review C, 2009, 79, 044608.	2.9	72
15	High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	71
16	Neutron capture cross section of ^{197}Au . Physical Review Letters, 2008, 101, 082501.	2.8	68
17	Neutron Capture Cross Section Measurement of ^{151}Sm at the CERN Neutron Time of Flight Facility (n_TOF). Physical Review Letters, 2004, 93, 161103.	7.8	65
18	Stellar Neutron Capture on Promethium: Implications for the s-Process Neutron Density. Astrophysical Journal, 2003, 582, 1251-1262.	4.5	62

#	ARTICLE	IF	CITATIONS
19	Results from the IAEA Benchmark of Spallation Models. Journal of the Korean Physical Society, 2011, 59, 791-796.	0.7	59
20	$\langle \sigma \rangle = \frac{\int_0^\infty \sigma(E) \phi(E) dE}{\int_0^\infty \phi(E) dE}$	7.8	58
21	$\langle \sigma \rangle = \frac{\int_0^\infty \sigma(E) \phi(E) dE}{\int_0^\infty \phi(E) dE}$	2.9	55
22	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	2.9	55
23	Measurement of the n_TOF beam profile with a micromegas detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 524, 102-114.	1.6	54
24	Thesâ€PProcess Branching at185W. Astrophysical Journal, 2003, 583, 506-513.	4.5	52
25	$\langle \sigma \rangle = \frac{\int_0^\infty \sigma(E) \phi(E) dE}{\int_0^\infty \phi(E) dE}$	2.9	51
26	The (n, $\hat{1}$) Cross Section of ^7Li . Astrophysical Journal, 1998, 507, 997-1002.	4.5	47
27	New measurement of neutron capture resonances in ^{209}Bi . Physical Review C, 2006, 74, .	2.9	46
28	Neutron capture cross section of ^{90}Zr : Bottleneck in the ^{90}Zr process reaction flow. Physical Review C, 2008, 77, .	2.9	44
29	Neutron Capture Cross Section of Unstable ^{63}Ni : Implications for Stellar Nucleosynthesis. Physical Review Letters, 2013, 110, 022501.	7.8	44
30	Neutron capture rates in the r-process - The role of direct radiative capture. Astrophysical Journal, 1983, 270, 740.	4.5	42
31	Neutron capture cross section of ^{232}Th measured at the n_TOF facility at CERN in the unresolved resonance region up to 1 MeV. Physical Review C, 2006, 73, .	2.9	41
32	The Karlsruhe Astrophysical Database of Nucleosynthesis in Stars Project â€“ Status and Prospects. Nuclear Data Sheets, 2014, 120, 171-174.	2.2	41
33	Neutron-induced cross sections. European Physical Journal Plus, 2018, 133, 1.	2.6	41
34	$\langle \sigma \rangle = \frac{\int_0^\infty \sigma(E) \phi(E) dE}{\int_0^\infty \phi(E) dE}$	2.9	39
35	Determination of the astrophysical S factor of the $^8\text{B}(p,1^3)^9\text{C}$ capture reaction from the $d(^8\text{B},^9\text{C})n$ reaction up to 8 keV neutron energy. Physical Review C, 2013, 87, .	4.1	38
36	Measurement of the $^{151}\text{Sm}(n,1^3)$ cross section from 0.6 eV to 1 MeV via the neutron time-of-flight technique at the CERN n_TOF facility. Physical Review C, 2006, 73, .	2.9	36

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37	cross sections of Os induced fission cross section of Os	2.9	36
38	Neutron induced fission cross section of Os and Pb	2.9	36
39	Nuclear input for the s process: progress with experiments and theory. Nuclear Physics A, 2006, 777, 291-310.	1.5	35
40	Status and outlook of the neutron time-of-flight facility n_TOF at CERN. Nuclear Instruments & Methods in Physics Research B, 2007, 261, 925-929.	1.4	35
41	Novel method to study neutron capture of U	7.8	35
42	Nucleosynthesis at the termination point of the process. Physical Review C, 2004, 70, .	2.9	34
43	Time-energy relation of the n_TOF neutron beam: energy standards revisited. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 532, 622-630.	1.6	34
44	Experimental study of the Zr	2.9	34
45	Experimental study of the Zr	2.9	33
46	Neutron capture cross sections of the cerium isotopes for s- and p-process studies. Physical Review C, 1996, 53, 1397-1408.	2.9	32
47	Resonance capture cross section of $\text{Pb}207$. Physical Review C, 2006, 74, .	2.9	32
48	Measurement of the neutron capture cross section of the only isotope $\text{Pb}204$ from 1 eV to 440 keV. Physical Review C, 2007, 75, .	2.9	32
49	Determination of a standard neutron field with the Li	2.9	32
50	Neutron spectroscopy of 26Mg states: Constraining the stellar neutron source $22\text{Ne}(\hat{1}\pm, n)25\text{Mg}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6.	4.1	32
51	Two-neutron capture reactions and the process. Physical Review C, 2006, 74, .	2.9	31
52	Measurement of the radiative neutron capture cross section of Ni	2.9	31
53	GEANT4 simulation of the neutron background of the C_6D_6 set-up for capture studies at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 760, 57-67.	1.6	31
54	Measurement of the radiative neutron capture cross section of Pb and its astrophysical implications. Physical Review C, 2007, 76, .	2.9	30

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55	High-accuracy $^{233}\text{U}(n,f)$ cross-section measurement at the white-neutron source n_TOF from near-thermal to 1 MeV neutron energy. <i>Physical Review C</i> , 2009, 80, .	2.9	30
56	Nonresonant direct p- and d-wave neutron capture by ^{12}C . <i>Physical Review C</i> , 1998, 57, 2724-2730.	2.9	29
57	Coulomb dissociation of halo nuclei. <i>Nuclear Physics A</i> , 2003, 722, C301-C307.	1.5	29
58	Neutron capture studies on unstable ^{135}Cs for nucleosynthesis and transmutation. <i>Physical Review C</i> , 2004, 69, .	2.9	29
59	$^{7}\text{Li}(n,\hat{1}^3)^7\text{Li}$ reaction and the S17 factor at $E_{\text{c.m.}} > 500 \text{ keV}$. <i>Physical Review C</i> , 2005, 71, . Neutron physics of the Re/Os clock. I. Measurement of the $\langle \sigma \rangle$ of ^{186}Os and ^{187}Os from the CERN n_TOF facility. <i>Physical Review C</i> , 2014, 89, .	2.9	29
60	cross sections of ^{186}Os and ^{187}Os . <i>Physical Review C</i> , 2014, 89, .	2.9	28
61	Experimental neutron capture data of ^{186}Os and ^{187}Os from the CERN n_TOF facility. <i>Physical Review C</i> , 2014, 89, .	2.9	28
62	Measurement of the angular distribution of fission fragments using a PPAC assembly at CERN n_TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 743, 79-85.	1.6	28
63	^{148}Sm - A test for s-process nucleosynthesis. <i>Astrophysical Journal</i> , 1986, 300, 41.	4.5	28
64	s-process branchings at ^{151}Sm , ^{154}Eu , and ^{163}Dy . <i>Physical Review C</i> , 2001, 64, .	2.9	27
65	Measurement and resonance analysis of the ^{237}Np neutron capture cross section. <i>Physical Review C</i> , 2012, 85, .	2.9	26
66	A new CVD diamond mosaic-detector for (n, γ) reactions at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 190-194.	1.6	26
67	Measurement and analysis of the ^{243}Am neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2014, 89, .	2.9	26
68	Nuclear data activities at the n_TOF facility at CERN. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	26
69	Accelerator mass spectrometry measurements of the ^{243}Am neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2014, 89, .	2.9	26
70	Algebraic approach to molecular rotation-vibration spectra. III. Infrared intensities. <i>Journal of Chemical Physics</i> , 1991, 95, 1449-1455.	3.0	25
71	Measurement and analysis of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2014, 89, .	2.9	25
72	The $^{139}\text{La}(n,\hat{1}^3)$ cross section: Key for the onset of the s-process. <i>Physical Review C</i> , 2007, 75, .	2.9	24

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73	Neutron capture on Zr Resonance parameters and Maxwellian-averaged cross sections. Physical Review C, 2011, 84, .	2.9	24
74	GEANT4 simulations of the n_TOF spallation source and their benchmarking. European Physical Journal A, 2015, 51, 1.	2.5	24
75	High-accuracy determination of the U fission cross section. Physical Review C, 2011, 84, .	2.9	24
76	Fermi-Gas Model Parametrization of Nuclear Level Density.. Journal of Nuclear Science and Technology, 1994, 31, 151-162.	1.3	24
77	On the figure of merit in neutron time-of-flight measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 489, 346-356.	1.6	23
78	Measurement of resolved resonances of $^{232}Th(n, \hat{1}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .	2.9	23
79	Cross section measurements of $^{155,157}Gd(n, \gamma \hat{1}^3)$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.	2.5	23
80	Presolar Grain Isotopic Ratios as Constraints to Nuclear and Stellar Parameters of Asymptotic Giant Branch Star Nucleosynthesis. Astrophysical Journal, 2021, 921, 7.	4.5	23
81	Spectral Data and Grotrian Diagrams for Highly Ionized Cobalt, Co VIII through Co XXVII. Journal of Physical and Chemical Reference Data, 1992, 21, 23-121.	4.2	22
82	Stellar neutron capture cross section of the unstable-process branching point $Sm151$. Physical Review C, 2006, 73, .	2.9	22
83	Measurement of the stellar cross sections for the reactions $^{9,10}Be(n, \hat{1}^3)^{10,11}B$ and $^{13,14}C(n, \hat{1}^3)^{14,15}C$ via AMS. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014018.	3.6	22
84	Determination of the stellar $(n, \hat{1}^3)$ cross section of $Ca40$ with accelerator mass spectrometry. Physical Review C, 2009, 79, .	2.9	22
85	Experimental setup and procedure for the measurement of the $^{7}Be(n, \hat{1}^{\pm})\hat{1}^{\pm}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 197-205.	1.6	21
86	Radiative neutron capture on Pu in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, .	2.9	21
87	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.	2.5	19
88	A Novel Approach to $\hat{1}^2$ -Decay: PANDORA, a New Experimental Setup for Future In-Plasma Measurements. Universe, 2022, 8, 80.	2.5	19
89	RE-EVALUATION OF THE $^{16}O(n, \hat{1}^3)^{17}O$ CROSS SECTION AT ASTROPHYSICAL ENERGIES AND ITS ROLE AS A NEUTRON POISON IN THE s -PROCESS. Astrophysical Journal, 2017, 847, 23.	4.5	18
90	Overlock 10 Tf 50 67 Td	2.9	17

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91	Stellar neutron capture cross sections of ^{20}Ne and ^{21}Ne . <i>Physical Review C</i> , 2014, 89, .	2.9	17
92	Pulse shape analysis of signals from BaF2 and CeF3 scintillators for neutron capture experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 568, 904-911.	1.6	15
93	Neutron physics of the Re/Os clock. II. The $(n, n\alpha^2)$ cross section of Os187 at 30 keV neutron energy. <i>Physical Review C</i> , 2010, 82, .	2.9	15
94	Neutron-induced fission cross-section of ^{233}U in the energy range 0.5 $\leq E_n \leq 20$ MeV. <i>European Physical Journal A</i> , 2011, 47, 1.	2.5	15
95	Stellar neutron capture rates of ^{14}C . <i>Nuclear Physics A</i> , 2005, 758, 787-790.	1.5	14
96	Measurement of the $^{236}\text{U}(n, f)$ cross section from 170 meV to 2 MeV at the CERN n_TOF facility. <i>Physical Review C</i> , 2011, 84, .	2.9	14
97	Measurement of the $^{12}\text{C}(n, p)^{12}\text{B}$ cross section at n_TOF at CERN by in-beam activation analysis. <i>Physical Review C</i> , 2014, 90, .	2.9	14
98	Neutron-induced fission cross section of ^{234}U measured at the CERN n_TOF facility. <i>Physical Review C</i> , 2014, 89, .	2.9	14
99	The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point ^{59}Ni . <i>Nuclear Data Sheets</i> , 2014, 120, 208-210.	2.2	14
100	Fission Fragment Angular Distribution measurements of ^{235}U and ^{238}U at CERN n_TOF facility. <i>EPJ Web of Conferences</i> , 2016, 111, 10002.	0.3	14
101	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n, p)^{7}\text{Li}$ reaction at n_TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 887, 27-33.	1.6	14
102	Parity effects in neutron-nucleus interaction at low energy. <i>Il Nuovo Cimento A</i> , 1986, 94, 297-318.	0.2	13
103	Collective enhancement of nuclear level density in the interacting boson model. <i>Physical Review C</i> , 1990, 42, 988-992.	2.9	13
104	Algebraic-eikonal approach to the electron-molecule-collision process: Vibrational excitation and quadrupole interaction. <i>Physical Review A</i> , 1991, 44, 7258-7268.	2.5	13
105	Neutron-induced fission cross section of ^{245}Cm : New results from data taken at the time-of-flight facility n_TOF. <i>Physical Review C</i> , 2012, 85, .	2.9	13
106	AMS Applications in Nuclear Astrophysics: New Results for $^{13}\text{C}(n, \hat{1}^3)$ and $^{14}\text{N}(n, p)^{14}\text{C}$. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 115-120.	3.4	12
107	Pulse pile-up and dead time corrections for digitized signals from a BaF 2 calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 768, 55-61.	1.6	12
108	Neutron capture cross section measurement of ^{238}U at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. <i>Physical Review C</i> , 2017, 95, .	2.9	12

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109	Nuclear data target accuracy requirements for advanced reactors: The ALFRED case. <i>Annals of Nuclear Energy</i> , 2021, 162, 108533.	1.8	12
110	The measurement of the $^{206}\text{Pb}(n, \hat{1}^3)$ cross section and stellar implications. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014020.	3.6	11
111	Measurement of the neutron-induced fission cross-section of ^{243}Am relative to ^{235}U from 0.5 to 20 MeV. <i>European Physical Journal A</i> , 2011, 47, 1.	2.5	11
112	Neutron-induced fission cross section of ^{237}Np in the keV to MeV range at the CERN n_TOF facility. <i>Physical Review C</i> , 2016, 93, .	2.9	11
113	Measurement of $^{73}\text{Ge}(n, \hat{1}^3)$ cross sections and implications for stellar nucleosynthesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 790, 458-465.	4.1	11
114	Neutron-capture Studies on ^{235}U and ^{238}U via AMS. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1410-1413.	0.7	11
115	Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3251-3257.	1.4	10
116	Theoretical Estimate of the Half-life for the Radioactive ^{134}Cs and ^{135}Cs in Astrophysical Scenarios. <i>Astrophysical Journal</i> , 2022, 933, 158.	4.5	10
117	Measurement of the neutron-induced fission cross-section of ^{241}Am at the time-of-flight facility n_TOF. <i>European Physical Journal A</i> , 2013, 49, 1.	2.5	9
118	Integral measurement of the $^{12}\text{C}(n, p)^{12}\text{B}$ reaction up to 10 GeV. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	9
119	Measurement and analysis of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2018, 97, .	2.9	9
120	Study of Photon Strength Function of Actinides: the Case of ^{235}U , ^{238}Np and ^{241}Pu . <i>Journal of the Korean Physical Society</i> , 2011, 59, 1510-1513.	0.7	9
121	Nuclear physics for the Re/Os clock. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014015.	3.6	8
122	Measurement of the $^{238}\text{U}(n, \hat{1}^3)$ cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. <i>Physical Review C</i> , 2017, 96, .	2.9	8
123	Measurement and resonance analysis of the $^{233}\text{U}(n, \hat{1}^3)$ cross section at the CERN n_TOF facility in the ener. <i>Physical Review C</i> , 2018, 97, .	2.9	8
124	NEAR: A New Station to Study Neutron-Induced Reactions of Astrophysical Interest at CERN-n_TOF. <i>Universe</i> , 2022, 8, 255.	2.5	8
125	Measurement of the $^{151}\text{Sm}(n, \hat{1}^3)^{152}\text{Sm}$ cross section at n_TOF. <i>Nuclear Physics A</i> , 2005, 758, 533-536.	1.5	7
126	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. <i>Nuclear Physics A</i> , 2005, 758, 501-504.	1.5	7

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127	Neutron reactions and nuclear cosmo-chronology. Progress in Particle and Nuclear Physics, 2007, 59, 165-173.	14.4	7
128	Integration of the International Standards Evaluation into a Global Data Assessment. Nuclear Data Sheets, 2008, 109, 2874-2879.	2.2	7
129	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	1.5	7
130	Measurement of the neutron capture cross section of the fissile isotope ^{235}U with the CERN n_TOF total absorption calorimeter and a fission tagging based on micromegas detectors. EPJ Web of Conferences, 2017, 146, 11021.	0.3	7
131	Title is missing!. European Physical Journal A, 2002, 13, 55-58.	2.5	7
132	Gamma-ray production from $^{52}\text{Cr}(n, x\hat{1}^3)$ reactions at 14.6 MeV. Il Nuovo Cimento A, 1992, 105, 965-985.	0.2	6
133	Nuclear Physics of the s -Process. Publications of the Astronomical Society of Australia, 2008, 25, 18-29.	3.4	6
134	Neutron capture studies of ^{206}Pb at a cold neutron beam. European Physical Journal A, 2013, 49, 1.	2.5	6
135	The Fission Programme at the CERN n_TOF Facility. Physics Procedia, 2015, 64, 130-139.	1.2	6
136	New Work on Updating and Extending the Nuclear Data Standards. Journal of ASTM International, 2012, 9, 1-14.	0.2	6
137	The algebraic-eikonal approach to vibrationally elastic scattering in the e-HCl collision. Journal of Physics B: Atomic, Molecular and Optical Physics, 1988, 21, L567-L572.	1.5	5
138	Coulomb Dissociation of Halo Nuclei. Progress of Theoretical Physics Supplement, 2002, 146, 462-466.	0.1	5
139	Neutron capture studies on difficult isotopes \hat{e}'' experiments, theory, and astrophysics. Nuclear Physics A, 2003, 718, 173-180.	1.5	5
140	Determination of $(n, \hat{1}^3)$ reaction rates at s-process branching points via their inverse reactions. Nuclear Physics A, 2003, 719, C123-C126.	1.5	5
141	Mean field for the vibron model: Dipole-moment function of diatomic molecules. Physical Review A, 1994, 50, 863-866.	2.5	4
142	Exotic structure of light nuclei and their neutron capture reaction rates. Nuclear Physics A, 1997, 621, 323-326.	1.5	4
143	Electromagnetic response of light nuclei. AIP Conference Proceedings, 2000, , .	0.4	4
144	An alternative methodology for high counting-loss corrections in neutron time-of-flight measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 913, 40-47.	1.6	4

#	ARTICLE	IF	CITATIONS
145	First Results of the $^{140}\text{Ce}(n, \hat{1}^3)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	2.5	4
146	An Update of the Nuclear Data Standards Activities. Journal of the Korean Physical Society, 2011, 59, 1390-1395.	0.7	4
147	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.7	4
148	Determination of the $(n, \hat{1}^3)$ reaction rate of unstable ^{185}W in the astrophysical s-process via its inverse reaction. Nuclear Physics A, 2003, 718, 533-535.	1.5	3
149	Measurements of neutron capture cross-sections for ADS-related studies. Nuclear Instruments & Methods in Physics Research B, 2004, 213, 36-41.	1.4	3
150	Stellar Neutron Capture on Neon Isotopes. AIP Conference Proceedings, 2005, , .	0.4	3
151	Neutron Capture Cross Sections: From Theory to Experiments and Back. AIP Conference Proceedings, 2005, , .	0.4	3
152	Measurements at n_TOF of the Neutron Capture Cross Section of Minor Actinides Relevant to the Nuclear Waste Transmutation. AIP Conference Proceedings, 2005, , .	0.4	3
153	Neutron Capture Cross Section Measurements at n_TOF of ^{237}Np , ^{240}Pu and ^{243}Am for the Transmutation of Nuclear Waste. AIP Conference Proceedings, 2006, , .	0.4	3
154	The n_TOF Facility at CERN: A New Approach to Quests in Astrophysics and Technology. Nuclear Physics News, 2009, 19, 21-27.	0.4	3
155	<small>Publisher's Note: Measurement of resolved resonances of ^{232}Th at $E_n = 0.784314$ eV. $\sigma_{\text{nc}} = 2.9 \text{ b}$</small> ^{232}Th $T_j = 0.784314$ eV $\sigma_{\text{nc}} = 2.9$ b	2.9	3
156	Nuclear Data from AMS & Nuclear Data for AMS "some examples". EPJ Web of Conferences, 2012, 35, 01003.	0.3	3
157	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
158	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3
159	The $^{33}\text{S}(n, \hat{1}^{\pm})^{30}\text{Si}$ cross section measurement at n_TOF-EAR2 (CERN): From 0.01 eV to the resonance region. EPJ Web of Conferences, 2017, 146, 08004.	0.3	3
160	On the use of stacks of fission-like targets for neutron capture experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 925, 87-91.	1.6	3
161	Improved Neutron Capture Cross Section Measurements with the n_TOF Total Absorption Calorimeter. Journal of the Korean Physical Society, 2011, 59, 1813-1816.	0.7	3
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